

1. How many total penguins are present in the dataset?
2. How many penguins belong to each species?
3. How many penguins are found on each island?
4. List all penguins whose body mass is greater than 5000 grams.
5. Find all Gentoo penguins that are female.
6. What is the average bill length for each species?
7. What is the average body mass for each island?
8. What is the maximum flipper length across all penguins?
9. For each species, calculate the minimum and maximum bill depth.
10. Count how many penguins have missing values in the sex column.
11. Count how many complete records exist (no NULL values in numeric fields).
12. What is the average bill\_length\_mm / bill\_depth\_mm ratio for each species?
13. Show the top 5 heaviest penguins along with species.
14. For Adelie penguins, find the average flipper length on each island.
15. Among penguins with bill\_depth\_mm > 18, find the average body mass per species.
16. List all penguins ordered by flipper length in descending order.
17. Which island has the highest average body mass?
18. Find the species with the highest average flipper length.
19. Calculate the average body mass for male vs female penguins for each species.
20. Compute bill\_length\_mm / flipper\_length\_mm ratio for each penguin and list the top 10 highest ratios.